

United States Department Of Energy



**GEOLOGICAL CROSS-SECTION
MATERIAL STAGING AREA**

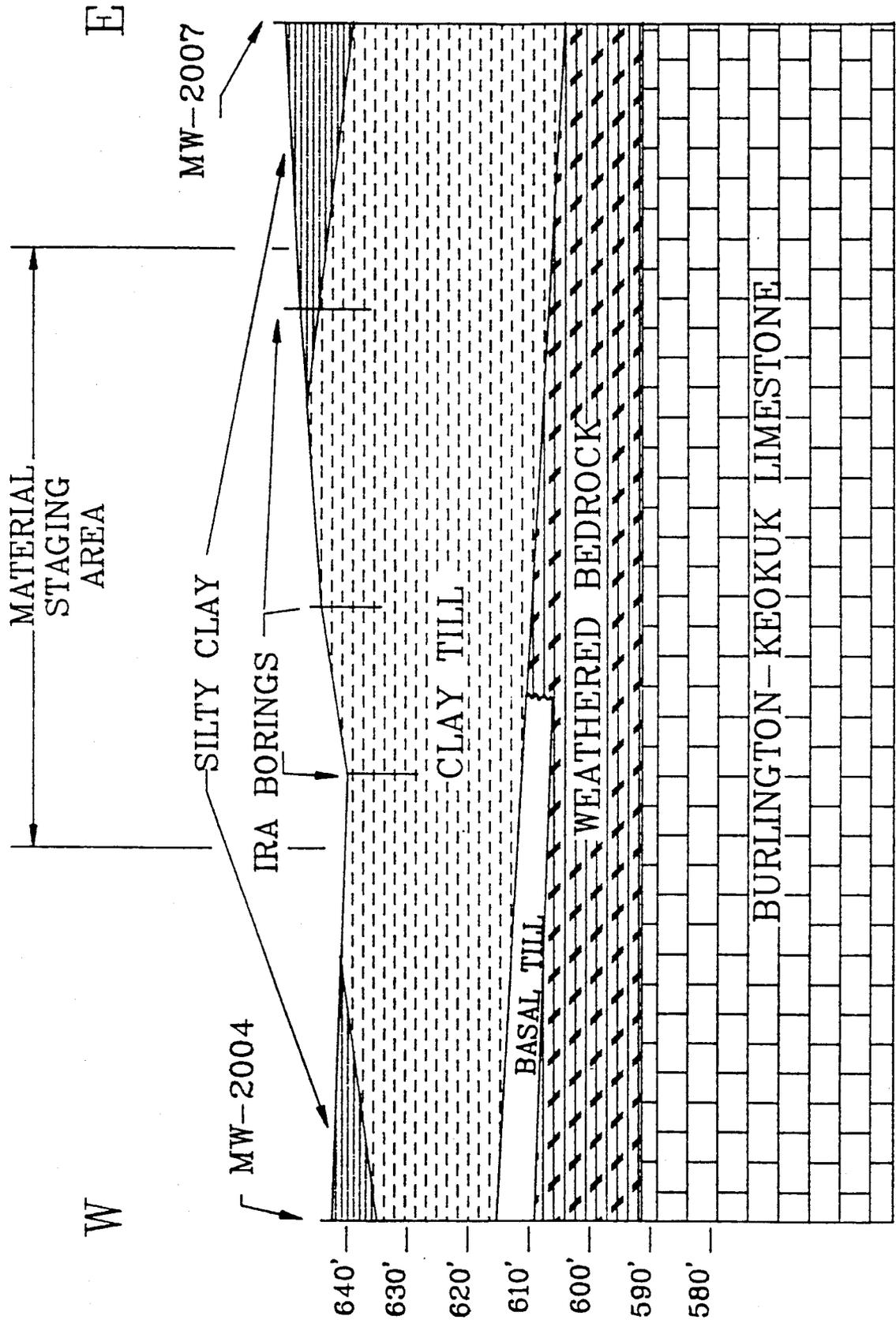
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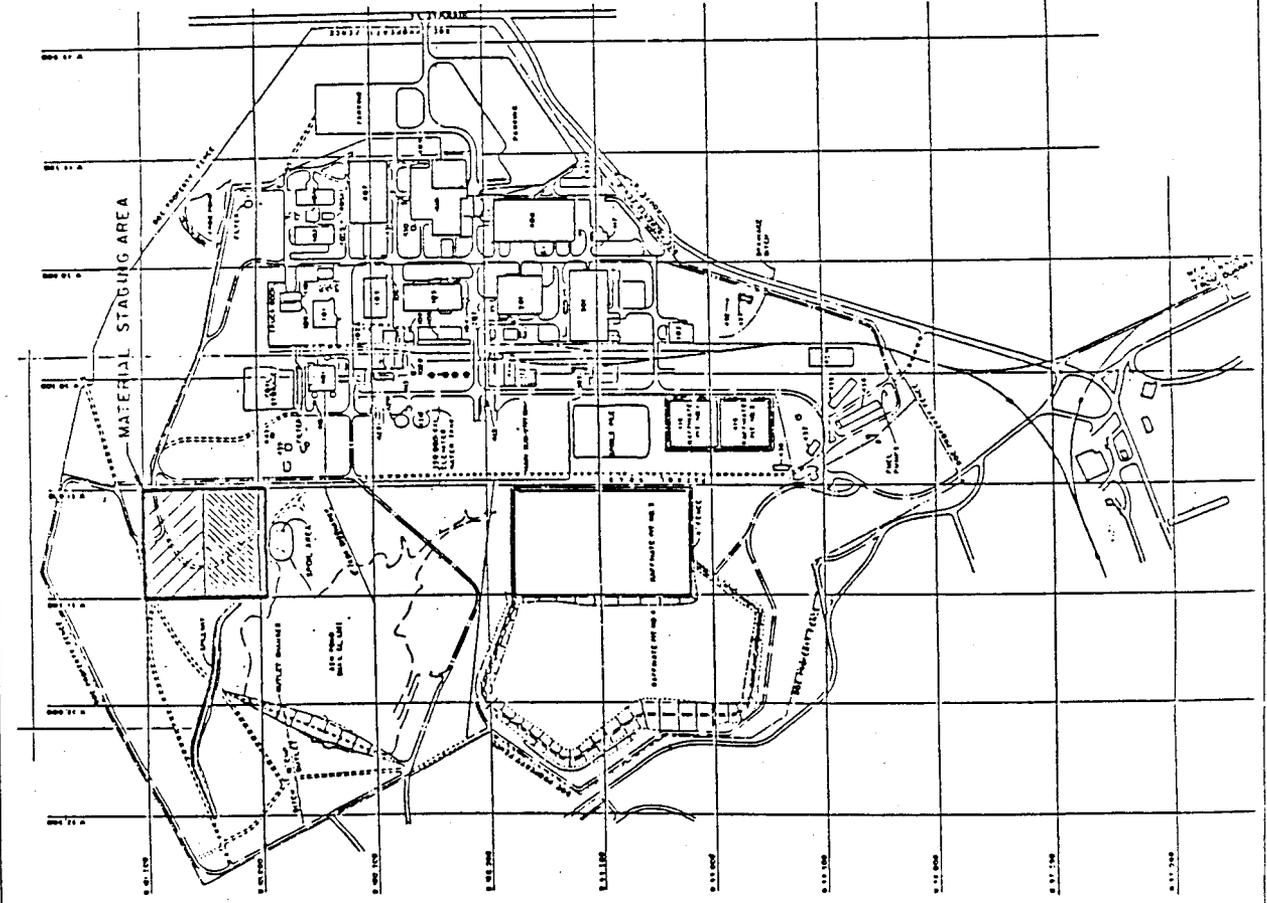
**WELDON
SPRING
SITE
REMEDIAL
ACTION
PROJECT**

GEOLOGICAL CROSS-SECTION

The attached geological cross-section is shown to provide subsurface information concerning the geological conditions of the material staging area (MSA). The staging pad is situated over about 30 feet of clay till. This till generally has a permeability of approximately 10^{-7} cm/second over the site. The specifications for the MSA provides excavation and recompaction of the upper 12" to assure a permeability of 10^{-7} cm/sec.



MATERIAL STAGING AREA CROSS-SECTION
 WEST-EAST SECTION LOOKING NORTH



NOTES:
 1. REFERENCE TO THIS DRAWING SHOULD BE MADE TO THE PROJECT MANUAL FOR A COMPLETE LIST OF SPECIFICATIONS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL, STATE, AND FEDERAL AUTHORITIES.
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BLDG. NO.	DESCRIPTION
101	FIELD PREPARATION AND STAGING PLANT
102	OFFICE BUILDING
103	RESTROOM BUILDING
104	WATER TOWER
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200	WATER TOWER

LEGEND:
 [Hatched Box] LOCATION OF PROPOSED MATERIAL STAGING AREA PHASE I
 [Solid Box] LOCATION OF PROPOSED MATERIAL STAGING AREA PHASE II



FIGURE 2
 PROPOSED SITE FOR MATERIAL STAGING AREA